## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent

Patent No.:

7,684,506

Inventor:

Yutaka MURAKAMI, et al.

Art Unit: 2611

Appln. No.:

10/589,080

Exr. S. Pathak

Filed:

August 11, 2006

Conf. No. 5875

For:

TRANSMITTER APPARATUS, RECEIVER APPARATUS, AND WIRELESS

COMMUNICATION METHOD

REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 35 USC 254 (OFFICE MISTAKE)

Honorable Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

A Certificate Of Correction of the above-captioned patent is respectfully requested.

Grant of this Request is respectfully requested in accordance with the provisions of 35

## USC 254 which states:

35 U.S.C. 254 Certificate of correction of Patent and Trademark Office mistake. Whenever a mistake in a patent, incurred through the fault of the Patent and Trademark Office, is clearly disclosed by the records of the Office, the Director may issue a certificate of correction stating the fact and nature of such mistake, under seal, without charge, to be recorded in the records of patents. A printed copy thereof shall be attached to each printed copy of the patent, and such certificate shall be considered as part of the original patent. Every such patent, together with such certificate, shall have the same effect and operation in law on the trial of actions for causes thereafter arising as if the same had been originally issued in such corrected form. The Director may issue a

corrected patent without charge in lieu of and with like effect as a certificate of correction.

In the present patent, claim 1, column 19, line 13, should read "makes a space-time block code signal" as shown, for example, on page 4, line 2, of the Amendment submitted July 23, 2009.

However, claim 1, column 19, line 13 in the Letters Patent which issued on March 23, 2010, incorrectly reads "makes space-time block code signal."

In the present patent, claim 2, column 19, line 14, should read "The transmitting apparatus of claim 1, further compris-" as shown, for example, on page 4, line 3, of the Amendment submitted July 23, 2009.

However, claim 2, column 19, line 14 in the Letters Patent which issued on March 23, 2010, incorrectly reads "The transmitting apparatus of claim 1 further compris-."

In the present patent, claim 2, column 19, line 16, should read "a multi-carrier modulator that assigns a signal made in the" as shown, for example, on page 4, line 4, of the Amendment submitted July 23, 2009.

However, claim 2, column 19, line 16 in the Letters Patent which issued on March 23, 2010, incorrectly reads "a multi-carrier modulator that assigns a signal made in th."

In the present patent, claim 3, column 19, line 23, should read "tus and a receiving apparatus, the receiving apparatus for" as shown, for example, on page 4, line 8, of the Amendment submitted July 23, 2009.

However, claim 3, column 19, line 23 in the Letters Patent which issued on March 23, 2010, incorrectly reads "tus and receiving apparatus, the receiving apparatus for."

In the present patent, claim 3, column 20, line 9, should read "third transmission data by estimating a pattern of the" as shown, for example, on page 5, line 14, of the Amendment submitted July 23, 2009.

However, claim 3, column 20, line 9 in the Letters Patent which issued on March 23, 2010, incorrectly reads "third transmission data by estimating pattern of the."

It is submitted that issuance of a Certificate of Correction is warranted under 37 CFR 1.322 and MPEP 1480 in that the above-noted error is consequential, is not of a minor typographical nature, and is not readily apparent to one skilled in the art.

Grant of the attached Request for Certificate of Correction is respectfully solicited.

Respectfully submitted,

/James Edward Ledbetter/

James E. Ledbetter Registration No. 28,732

Date: July 2, 2010 JEL/att

Attorney Docket No. <u>009289-06177</u> Dickinson Wright PLLC International Square 1875 Eye Street, N.W., Suite 1200 Washington, D.C. 20006

Telephone: 202.457.0160 Facsimile: 202.659.1559

DC 9289-6177 156484

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,684,506 Page 1 of 2 APPLICATION NO. : 10/589,080 **ISSUE DATE** : March 23, 2010 INVENTOR(S) ; Yutaka MURAKAMI, et al. It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below: In the Letters Patent issued on March 23, 2010, claim I, column 19, line 13 incorrectly reads: "makes space-time block code signal" and should read: "makes a space-time block code signal" In the Letters Patent issued on March 23, 2010, claim 2, column 19, line 14 incorrectly reads: "The transmitting apparatus of claim 1 further compris-" and should read: "The transmitting apparatus of claim 1, further compris-" In the Letters Patent issued on March 23, 2010, claim 2, column 19, line 16 incorrectly reads: "a multi-carrier modulator that assigns a signal made in th" and should read: "a multi-carrier modulator that assigns a signal made in the" In the Letters Patent issued on March 23, 2010, claim 3, column 19, line 23 incorrectly reads: "tus and receiving apparatus, the receiving apparatus for" and should read:

MAILING ADDRESS OF SENDER (Please do not use customer number below):

"tus and a receiving apparatus, the receiving apparatus for"

James E. Ledbetter, Reg. No. 28732

Dickinson Wright PLLC

Telephone: 202.457.0160 Facsimile: 202.659.1559

1875 Eye Street, N.W., Suite 1200 Washington, D.C. 20006

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Page 2 of 2

APPLICATION NO. : 10/589,080

ISSUE DATE

: March 23, 2010

INVENTOR(S)

; Yutaka MURAKAMI, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Letters Patent issued on March 23, 2010, claim 3, column 20, line 9 incorrectly reads:

"third transmission data by estimating pattern of the"

and should read:

"third transmission data by estimating a pattern of the"

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James E. Ledbetter, Reg. No. 28732

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